

Table of Contents

	<u>Page</u>
3.0 CULTURAL RESOURCE PROTECTION	1
3.1 Introduction	1
3.2 Criteria	2
3.2.1 Basic Project Criteria	2
3.2.2 Statutes, Regulations and Other Applicable Authorities	2
3.3 Methodologies	3
3.3.1 Programmatic Agreement (PA) for Cultural Resource Protection	3
3.3.2 Cultural Resources Protection (CRP) Plan	3
3.4 Figures and Tables	4
3.5 Bibliography	4
3.5.1 Project-Specific Information	4
3.5.2 Other Project Location-Related and General Information	6
3.6 Attachments	24

3.0 CULTURAL RESOURCE PROTECTION

3.1 INTRODUCTION

The Project will develop, establish, and maintain a Cultural Resource Protection (CRP) Program. The purpose of the CRP Program is to guide the Project's compliance with applicable Federal and State cultural resource protection statutes and regulations.

Cultural resources pertain to prehistoric and historic resources, native and non-native. These include archeological sites, structures and objects significant in American history, architecture, archaeology, or culture among others.

The Project actions that have the potential for affecting cultural resources include construction of the pipeline, and its associated temporary and permanent facilities. This includes compressor stations, construction camps, material sites, storage yards, airports and other ancillary facilities.

The primary objective for the Project design phase is to ensure that the areas involved with the Project are surveyed to identify significant cultural resources. ANNGTC expended considerable effort and resources during the years 1978 through 1981 in not only conducting extensive summer field data collection programs, but in clearing, prior to field entry, any land disturbing activities. Over 50% of the pipeline centerline route has been cleared, in addition to the anticipated material sites and many access roads. Subsequently, in 2001, Foothills Pipe Lines Alaska, Inc. coordinated with that Alaska State Historic Preservation Office (SHPO; Alaska Department of Natural Resources, Division of History and Archeology) in Anchorage and obtained updated Alaska Heritage Resource Survey (AHRs) files of archaeological and historic site location data for the entire right-of-way. Other permanent and temporary facilities constructed or activities outside of the pipeline ROW that are part of the Project will be surveyed and cleared for cultural resources prior to construction.

On October 7, 1980, the OFI submitted a proposal to the Advisory Council on Historic Preservation (ACHP) for a Memorandum of Agreement (MOA) pursuant to §106 of the National Historic Preservation Act of 1966 and 36 CFR Part 800.4(d). The MOA was approved by representatives of the Department of Interior, Bureau of Land Management and Bureau of Indian Affairs, SHPO, and U.S. Fish and Wildlife Service. Section Q(2) of the MOA requiring that: "A Pipeline Salvage Plan, covering all potential emergency situations, will be developed by the Office of the Federal Inspector in consultation with the SHPO within 30 days of this completed ACHP MOA. Any Salvage Plan developed will be limited to salvaging cultural resources in areas subject to disturbance by project activities only." By letter of February 10, 1982, the ACHP advised OFI that a Pipeline Salvage Plan, prepared in consultation with the Alaska SHPO, had been accepted by ACHP.

ANNGTC initiated informal consultation with the SHPO in March 2002 and identified the desire of SHPO to develop a Programmatic Agreement (PA) to replace the old 1982 MOA. The purpose of a Programmatic Agreement (PA) is to establish a set of procedures and areas of responsibilities for 'an entire agency program; for large and complex projects as a means to eliminate repetitive requests for comment and other types of requests'¹. And, 'when effects (of a

¹ Office of History and Archaeology, Department of Natural Resources (OHA/DNR)Workshop April 3, 2002.

project) are similar or repetitive in nature and/or are multistate or regional in scope.’ In general, the intent is to streamline the Section 106 process through identifying areas where SHPO and/or Advisory Council on Historic Preservation (ACHP) reviews of methods, measures and treatments will not be required, and, to identify the roles and areas of responsibilities of the agencies.

Signatories for the 1982 MOA included Department of Interior, Bureau of Land Management and Bureau of Indian Affairs, SHPO and U.S. Fish and Wildlife Service. It will be important to review this list and consider expanding it in developing a PA to include other stakeholders including regional Native representatives or consortiums.

In general, ANNGTC believes that 1982 MOA and Pipeline Salvage Plan are valid and can be retooled into a PA. An outline provided by the SHPO for PAs¹ is organized for historic buildings, but indicates the general form for other cultural resources. A copy of this example PA document is provided in Attachment A to this section.

3.2 CRITERIA

3.2.1 Basic Project Criteria

The construction phase objectives are to preclude negative impacts to significant cultural resources by avoidance or, if this is not possible, to preserve significant data. The primary scheduling objective is to be in compliance with cultural resources regulations before construction begins for each portion of the alignment or associated facility.

3.2.2 Statutes, Regulations and Other Applicable Authorities

- Alaska Historic Preservation Act, AS 41.35.010.
- Alaska Statute, AS 41.35.200.
- Alaska Statute, AS 11.46.482(a)(6).
- Alaska Statute, AS 12.65.5.
- OHA, SHPO Reporting Standards and Guidelines for Investigating and Reporting Archaeological and Historic Properties in Alaska, dated May 1, 2000.
- Advisory Council on Historic Preservation, 36 CFR Part 800, as Revised, December 2000.
- National Historic Preservation Act of 1966 (Section 106) as Revised, 1999.
- Archaeological and Historic Preservation Act of 1974, 16 U.S.C. 469.
- Archeological Resources Protection Act of 1979, 16 USC 470.
- American Indian Religious Freedom Act of 1978.

- Secretary of the Interior’s Standards and Guidelines for Federal Agency Historic Preservation Programs Under Section 110 of the National Historic Preservation Act 63 Fed Reg. 20495-20508, 1998.
- Native American Graves Protection and Repatriation Act (1990), PL 101-601; 25 USC 3001-30013; 104 Stat. 3048-3058; 43 CFR 10.
- The Secretary of Interior’s Standards for Archaeology and Historic Preservation. Federal Register 44716-68, 1983.
- Executive Order No. 13007, May 1996
- 18 CFR 380.12, “FERC’s Environmental Reports for Natural Gas Act Applications,” and FERC environmental policy guidelines thereunder;
- Federal Right-of-Way Grant for the Alaska Natural Gas Transportation System Alaska Segment, Serial No. F-24538 (December 1, 1980), as such may be updated and/or amended from time to time.
- Federal Energy Regulatory Commission conditional certificate of public convenience and necessity, issued on December 16, 1977, as such is finalized.

3.3 METHODOLOGIES

3.3.1 Programmatic Agreement (PA) for Cultural Resource Protection

The Project will coordinate with the Alaska SHPO in the development of a Project-specific PA for Cultural Resource Protection. This agreement would address the procedures and areas of responsibilities for coordinating the SHPO and/or Advisory Council on Historic Preservation (ACHP) reviews of the CRP Program during all phases of the Project. ANNGTC is committed to working closely with the SHPO to develop an acceptable agreement.

3.3.2 Cultural Resources Protection (CRP) Plan

The Project will prepare a CRP Plan that will include the following elements:

Pre-Construction

- Identification of significant cultural resources
 - Background research
 - Archival information
 - Interviews with knowledgeable individuals
 - Surveys
 - Testing (if needed)
 - Assessment of significance
 - Reporting

- Concurrence of SHPO
- Avoidance of Negative Impact
 - Avoidance of resource
 - Preservation recovery of significant data
 - Reporting
- Concurrence of SHPO

Construction

- An instructional program for all construction personnel concerning cultural resources will be implemented through the Environmental Management Program². This includes specific instructions to be provided to clearing, grading and ditching operators.
- If a significant cultural resource is found during construction, the Pipeline Salvage Plan, identified above, will be operative.

Proper Disposition of Archaeological Material

- Curatorial arrangements, applicable to both the pre-construction and construction periods.

Other topics included in the CRP Plan will be developed through the development of the PA with the SHPO.

3.4 FIGURES AND TABLES

(None)

3.5 BIBLIOGRAPHY

The bibliography is separated in to two sections: 1) Project-specific information and 2) Project location-related and other general information. These are provided for reference and will be updated in the development of the CRP Program.

3.5.1 Project-Specific Information

Aigner, Jean S. 1979 (May). Historic and Prehistoric Land Use in the Upper Tanana Valley II: Supplement to "Report on the Archaeological Survey Along the Alaska Highway Pipeline from Delta Junction to the Yukon Border". University of Alaska, Fairbanks, Alaska.

² See Environmental Management Program, Section 2-1. The cultural resources protection training is also applicable to field activities conducted during the pre-construction period, such as ROW surveying.

- Aigner, Jean S. 1979 (Oct). Addendum I to “Archaeological Assessment of Segments 7, 15 and 16 of the Proposed NAP and DOI Alignments”. University of Alaska. Fairbanks, Alaska.
- Aigner, Jean S. 1979 (Oct). Archaeological Assessment of Segments 1, 9, 10, and 13 of the Proposal NAP and DOI Routes. University of Alaska. Fairbanks, Alaska.
- Aigner, Jean S. 1979 (Sep). Archaeological Assessment of Segments 7, 15 and 16 of the Proposed NAP and DOI Alignments. University of Alaska. Fairbanks, Alaska.
- Aigner, Jean S. 1979 (Sep). Cultural Resources Along Segments 2, 3, 4, 5, 6, 8, 11, 12 and 14 of the Proposal NAP and DOI Routes. University of Alaska. Fairbanks, Alaska.
- Aigner, Jean S. 1979. Historic and Prehistoric Land Use in the Upper Tanana Valley II: Supplement to “Report on the Archaeological Survey Along the Alaska Highway Pipeline from Delta Junction to the Yukon Border”. University of Alaska, Fairbanks, Alaska.
- Aigner, Jean S. 1979. Northwest Alaskan Pipeline Archaeological Survey 1979: Daily Report for EMS and Alignments. University of Alaska, Fairbanks, Alaska.
- Aigner, Jean S. 1980 (Jun). Archaeological Survey of Borehole Locations, Fairbanks – Delta, Delta-South (MAUAA/FI 038) University of Alaska. Fairbanks, Alaska.
- Aigner, Jean S. 1980 (Jun). Borehole Locations and CPTS (MAUAA/FI 037) University of Alaska. Fairbanks, Alaska.
- Aigner, Jean S. 1980 (Mar). Historic and Prehistoric Synthesis Based Upon Material Present in Historic and Prehistoric Land Use in the Upper Tanana Valley University of Alaska, Fairbanks, Alaska.
- Aigner, Jean S. and Brian L. Gannon. 1981 (Aug). Archaeological Survey in Interior Alaska. Final Report on the 1980 Archaeological Survey Along the Northwest Alaskan Pipeline Company Proposed Natural Gas Pipeline Corridor from Prudhoe Bay to Delta Junction, with Additional Work in the South. University of Alaska, Fairbanks, Alaska.
- Aigner, Jean S. and Brian L. Gannon. 1981 (Jun). Archaeological Survey in Alaska – Final Report of the 1980 Archaeological Survey Along the Northwest Alaskan Pipeline Company Natural Gas Pipeline Corridor from Prudhoe Bay to Delta Junction, with Additional Work to the South. University of Alaska. Fairbanks, Alaska.
- Aigner, Jean S. and Brian L. Gannon. 1981 (Mar). Archaeological Survey in Interior Alaska. University of Alaska, Fairbanks, Alaska.
- Aigner, Jean. S. 1979 (Oct). Supplemental Information on Clearances in Various Borehole Locations. University of Alaska. Fairbanks, Alaska.
- Anonymous. 1979. Borehole Drilling Program/Archaeological Survey Data. Source Unknown. Irvine, California.
- Anonymous. Date Unknown. Alaska Heritage Resources Survey Numbers List for the Alaska Segment of the ANGTS (4/80) FERC Filing Rev. Pipeline Route Sheets. Unknown.
- Heartfield, Lorraine. 1979 (Jan). Interim Reports II and III, Cultural Resources Alaska Highway Pipeline Project.

3.5.2 Other Project Location-Related and General Information

Ackerman, R. 1996 Bluefish Caves. (by J. Cinq-Mars, Cin-Mars and Lauriol, Morlan and Cinq-Mars, edited by R. Ackerman). In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 511-513.

Aigner, J.S. 1977 A report on the potential archaeological impact of proposed expansion of the Anaktuvuk Pass airstrip facility by the North Slope Borough. Report to the North Slope Borough.

Alexander, H. 1967 Alaskan Survey. *Expedition* 9:20-29.

Alexander, H. 1968 Archaeology in the Atigun Valley. *Expedition* 11:35-37.

Alexander, H. 1969 Prehistory of the Central Brooks Range -- An Archaeological Analysis. PhD dissertation in Anthropology, University of Oregon. *University Microfilms* 70-9401. Ann Arbor, Michigan.

Alexander, H. 1974 The association of Aurignacoid elements with fluted point complexes in North America. In: *International Conference on the Prehistory and Paleoecology of Western North American Arctic and Subarctic*. R. Scott and P. Schledermann, eds. University of Calgary Archaeological Association. pp. 21-32.

Allen, H. 1887 Report of an Expedition to the Copper, Tanana, and Koyukuk Rivers, in the Territory of Alaska, in the Year 1885. U.S. Government Printing Office, Washington, D.C.

Allen, H. 1985 An Expedition to the Copper, Tanana and Koyukuk Rivers in 1885. Reprint of the 1887 report published by the U.S. Government Printing Office, with a foreword by M.S. Sullivan. Alaska Northwest Publishing Co., Anchorage.

Amsden, C.W. 1977 A Quantitative Analysis of Nunamiut Eskimo Settlement Dynamics. Unpublished PhD dissertation in Archaeology, University of New Mexico, Albuquerque.

Anderson, D.D. 1968 A stone age campsite at the gateway to America. *Scientific American* 218(6):24-33.

Anderson, D.D. 1970 Akmak: An Early Archeological Assemblage from Onion Portage Northwest Alaska. *Acta Arctica, Fasc. XVI*. KÖbenhavn.

Anderson, D.D. 1984 Prehistory of North Alaska. In: D. Damas, ed. *Handbook of North American Indians*, Vol. 5. W. Sturdevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 80-93.

Anderson, D.D. 1988 Onion Portage: The Archaeology of a Stratified Site from the Kobuk River, Northwest Alaska. *Anthropological Paper of the University of Alaska*-22(1-2). Fairbanks.

Anderson, D.D., R. Bane, R.K. Nelson, W.W. Anderson and N. Sheldon 1977 Kuuvanmiit Subsistence: Traditional Eskimo Life in the Latter Twentieth Century. National Park Service, Washington, D.C.

Andrews, E.F. 1977. Report on the Cultural Resources of the Doyon Region, Central Alaska. Occasional Paper No. 5, Volume 2. Anthropology and Historic Preservation Cooperative Studies Unit, University of Alaska, Fairbanks.

- Bacon, G.H 1971 Archeological survey and excavation near Murphy Lake in the Arctic Foothills. In: Final Report of the Archaeological Survey and Excavations along the Alyeska Pipeline Service Company Pipeline Route. J. Cook, ed. College. pp. 208-271.
- Bacon, G.H 1978 The Denali Complex as Seen from Long Lake, Southcentral Alaska. Paper Presented at the 5th Annual Meeting of the Alaska Anthropological Association, Anchorage.
- Binford, L. and W. Chasko 1976 Nunamiut Demographic History: A Provocative Case. In: *Demographic Anthropology*. E.B.W. Zubrow, ed. University of New Mexico Press, Albuquerque. pp. 63-143.
- Binford, L. 1976 Forty-Seven Trips. In: Contributions to Anthropology: The Interior Peoples of Northern Alaska. E.S. Hall, editor. *Archaeological Survey of Canada Paper*, No. 49. National Museum of Man Mercury Series, Ottawa. pp.
- Binford, L. 1978 *Nunamiut Ethnoarchaeology*. Academic Press. New York.
- Binford, L. 1983 Long Term Land Use Patterns: Some Implications for Archaeology. In *Lulu Linear Punctated: Essays in Honor of George Irving Quimby* R.C. Dunnell and D.K. Grayson, editors. Anthropological Papers of the University of Michigan, No. 72. Ann Arbor. pp. 27-53.
- Birket-Smith, K. 1953 *The Chugach Eskimo*. Nationalmuseets Skrifter, Etnografisk Raekke, VI. Nationalmuseets Publikationsf, Kobenhavn.
- Bowers, P.M. 1982. The Lisburne Site: Analysis and Cultural History of a Multi-Component Lithic Workshop in the Iteriak Valley, Arctic Foothills, Northern Alaska. in: E.S. Hall, Jr. and R.Gal, (eds.). Archaeological Investigations by the U.S. Geological Survey and Bureau of Land Management in the National Petroleum Reserve in Alaska. Anthropological Papers of the University of Alaska, 20(1-2):79-112.
- Brown, W. 1988 Gaunt Beauty, Tenuous Life. Historic Resources Study, Gates of the Arctic National Park and Preserve, Volume I and II. National Park Service, Anchorage.
- Brown, W.E. 1979. Nuiqsut Paisanich: Nuiqsut Heritage, A Cultural Plan. Prepared for the Village of Nuiqsut and the North Slope Borough Planning Commission on History and Culture. University of Alaska, Arctic Environmental Information and Data Center, Anchorage, Alaska.
- Burch, E. 1970 The Eskimo trading partnership in North Alaska. *Anthropological Papers of the University of Alaska* 15(1):49-80.
- Burch, E. 1976a The Nunamiut Concept and the Standardization of Error. In: Contributions to Anthropology: The Interior Peoples of Northern Alaska. E.S. Hall, ed. *Archaeological Survey of Canada Paper*, No. 49. National Museum of Man Mercury Series, Ottawa. pp. 52-97.
- Burch, E. 1976b Overland travel routes in Northwest Alaska. *Anthropological Papers of the University of Alaska* 18(1):1-10.
- Burch, E. 1979 Indians and Eskimos in North Alaska, 1816-1977: A study in changing ethnic relations. *Arctic Anthropology* 16(2):123-151.
- Burch, E. 1980 Traditional Eskimo Societies in Northwest Alaska. In Alaska Native Culture and History. Y. Kotani and W. Workman, eds. *Senri Ethnological Studies* 4. National Museum of Ethnology, Osaka. pp. 253-304.

- Burch, E.S. and C. W. Mishler 1995 The Di'Haii Gwich'in: Mystery people of northern Alaska. *Arctic Anthropology* (32)1:147-172.
- Campbell, J.M. 1959 The Kayuk complex of Arctic Alaska. *American Antiquity*-25(1):94-105.
- Campbell, J.M. 1961a The Tuktu complex of Anaktuvuk Pass. *Anthropological Papers of the University of Alaska* 9(2):61-80.
- Campbell, J.M. 1961b The Kogruk complex of Anaktuvuk Pass. *Anthropologica* 3(1):3-20.
- Campbell, J.M. 1962a Anaktuvuk Prehistory: A Study in Environmental Adaptation. Doctoral dissertation, Yale University.
- Campbell, J.M. 1962b Cultural Succession at Anaktuvuk Pass, Arctic Alaska. In: Prehistoric Cultural Relations Between the Arctic and Temperate Zones of North America. J.M. Campbell, ed. *Arctic Institute of North America Technical Paper* No. 11.
- Campbell, J.M. 1963 Ancient Alaska and Paleolithic Europe. In: Early Man in the Western American Arctic: A Symposium. *Anthropological Papers of the University of Alaska* 14(1):33-42.
- Campbell, J.M. 1968a The Kavik site of Anaktuvuk Pass. *Anthropological Papers of the University of Alaska* 14(1):33-42.
- Campbell, J.M. 1968b Territoriality Among Ancient Hunters: Interpretations from Ethnography and Nature. In: *Anthropological Archaeology in the Americas*. B.J. Meggars, ed. Anthropological Society of the Americas, Washington, D.C.
- Campbell, J.M. 1970 Current Research: Arctic. *American Antiquity* 34(2):239-277.
- Campbell, J.M. 1972 Anaktuvuk Prehistory: A Study in Environmental Adaptation. PhD dissertation in Anthropology, Yale University. *University Microfilms* 72-1157. Ann Arbor, Michigan.
- Campbell, J.M. 1975 Report of an archaeological reconnaissance of the Arctic coast of Alaska and neighboring islands between the mouths of the Colville and Canning rivers in 1974. Unpublished ms. Cobington and Burling, Washington, D.C.
- Campbell, J.M. 1976 The Nature of Nunamiut Archaeology. In: Contributions to Anthropology: The Interior Peoples of Northern Alaska. E.S. Hall, editor. *Archaeological Survey of Canada Paper*, No. 49. National Museum of Man Mercury Series, Ottawa. pp. 1-51.
- Campbell, J.M. 1978 Aboriginal human overkill of game populations: Examples from interior northern Alaska. In: *Archaeological Essays in Honor of Irving. B. Rouse*. R.C. Dunnell and E.S. Hall, eds. Mouton Publishers, The Hague. pp. 179-208.
- Campbell, J.M. and L.S. Cordell 1975 The Arctic and Subarctic. In: *North America*. S. Gorenstein, ed. St. Martin's Press, New York. pp. 36-73.
- Carnahan, J. 1979 Cross Island: Inupiat cultural continuum. North Slope Borough, Barrow.
- Carter, W. K. 1953. n.d.b Archaeological survey of Eskimo, or earlier, material in the vicinity of Point Barrow, Alaska. Unpublished, final report on Contract ONR-110, 1966.
- Carter, W. K. n.d.a Archaeological survey of Eskimo, or earlier, material in the vicinity of Point Barrow, Alaska. Unpublished, final report on Contract N5041-07643.

- Clark, A.M. 1981 Koyukon. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 582-601.
- Clark, D. 1979 Ocean Bay: An Early North Pacific Maritime Culture. *Canadian National Museum of Man, Mercury Series; Archaeological Survey Paper 71*. Ottawa.
- Clark, D. 1981 Prehistory of the Western Subarctic. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 107-129.
- Clark, D. 1984a Prehistory of the Pacific Eskimo Region. In Arctic, D. Damas, ed. *Handbook of North American Indians, Vol. 5*. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.D. pp. 136-148.
- Clark, D. 1984b Pacific Eskimo: Historical Ethnography. In Arctic, D. Damas, ed. *Handbook of North American Indians, Vol. 5*. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.D. pp. 185-197.
- Clark, D. 1988 Pacific Eskimo Encoded Precontact History. In "The Late Prehistoric Development of Alaska's Native People." R.D. Shaw, R.K. Harritt and D.E. Dumond, eds. *Aurora No. IV*. Alaska Anthropological Association, Anchorage. pp. 211-223.
- Clark, D. 1991a *Western Subarctic Prehistory*. Archaeological Survey of Canada, Canadian Museum of Civilization. Hull, Quebec.
- Clark, D. 1991b The Northern (Alaska-Yukon) Fluted Points. In: *Clovis: Origins and Adaptations*. R. Bonnichsen and K. Turnmire, eds. Peopling of the Americas Publications, Edited Volume Series. Center for the Study of the First Americans, Oregon State University, Corvallis. pp. 35-48.
- Clark, D. 1992 The Archaic in the Extreme Northwest of North America. *Revistade Arqueologia Americana* [Journal of American Archaeology]:(5):71-99.
- Colinvaux, P. 1996 Reconstructing the Environment. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 13-19.
- Collins, H. 1954 Arctic Area. *Program of the History of America, Commission de Historia*, Vol. 1, no. 2. Mexico City.
- Cook, J. and R. McKennan 1971 The Athapaskan tradition: The view from Healy Lake. Paper presented at the Athapaskan Conference, Museum of Man, Ottawa, March 1971.
- Cook, J. n.d.b Limited cultural resource survey in Nuiqsut. Unpublished ms.
- Cook, J. 1969 The Early Prehistory of Healy Lake, Alaska. PhD dissertation in Anthropology. University of Wisconsin.
- Cook, J. 1970 Report of archaeological survey and excavations along the Alyeska Pipeline Service Company haulroad and pipeline alignments. J. Cook, ed. College.
- Cook, J. 1975 Archaeology of Interior Alaska. *Western Canadian Journal of Anthropology* 5:125-133.
- Cook, J. 1977 *Pipeline Archaeology*. Institute of Arctic Biology, Fairbanks.

Corbin, J. 1971 Aniganigurak (S-67): A contact period Nunamiut Eskimo village in the Brooks Range. In: *Final report of the archaeological survey and excavations along the Alyeska Pipeline Service pipeline route*. J.P. Cook, ed. College. pp272-296.

Corbin, J. 1975 Aniganigurak: A Study in Nunamiut Archaeology. PhD dissertation, Washington State University , Pullman.

Corbin, J. 1976 Early Historic Nunamiut House Types. In: Contributions to Anthropology: The Interior Peoples of Northern Alaska. E.S. Hall, editor. *Archaeological Survey of Canada Paper*, No. 49. National Museum of Man Mercury Series, Ottawa. pp. 135-176.

Damas, D. 1967 The Diversity of Eskimo Societies. In: *Man the Hunter*. Edited by R.B. Lee and I. DeVore. pp. 111-117. Aldine-Atherton, Chicago.

Davis, C. 1979 An archaeological survey in the vicinity of Teshekpuk Lake: Methods results and a *sursum corda* (or, "Mucking about on the Arctic Coastal Plain"). Paper presented at the 6th Annual Meeting of the Alaska Anthropological Association, Fairbanks.

Davis, N. 1981 History of Research in Subarctic Alaska. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 43-48.

Davydov, G. 1977 *Two Voyages to Russian America, 1802-1807*. Translated by Colin Bearne. R. Pierce, ed. Limestone Press, Kingston, Ontario.

Derry, D. 1971 The archaeology and anthropology of a recent Eskimo habitation at Prudhoe Bay, Alaska. In: *Final report of the archaeological survey and excavations along the Alyeska Pipeline Service Company pipeline service route*. J.P. Cook, ed. pp.6-116.

Derry, D. 1972 The archaeology and anthropology of a recent Eskimo habitation at Prudhoe Bay, Alaska. Unpublished masters thesis, University of Alaska Fairbanks.

Derry, D. 1975 Later Athapaskan prehistory: A migration hypothesis. *The Western Canadian Journal of Anthropology* 5(3-4):134-147

Dixon, E.J. 1969 Toward a prehistory of the Na Dene', with general comments on population movements among nomadic hunters. *American Anthropologist* 71(5):857-863.

Dixon, E.J. 1971 The Gallagher Flint Station and other sites along the Sagavanirktok River. In: *Final report of the archaeological survey and excavations along the Alyeska Pipeline Service Company pipeline service route*. J.P. Cook, ed. pp.117-207.

Dixon, E.J. 1972 The Gallagher Flint Station, an early man site on the North Slope, Arctic Alaska. Unpublished masters thesis, University of Alaska, Fairbanks.

Dixon, E.J. 1974 Remarks on the Prehistory of the North Pacific Rim: To Lump or Not to Lump. In *Problems in the Prehistory of the North American Subarctic: The Athabaskan Question*. J. Helmer, S. Van Dyke and F. Kense, eds. Archaeological Association of the University of Calgary, Calgary. pp. 47-56.

Dixon, E.J. 1975 The Gallagher Flint Station, an early man site on the North Slope, Arctic Alaska, and its role in relation to the Bering Land Bridge. *Arctic Anthropology* 12(1):68-75.

Dixon, E.J. 1978 Alaska and the Northwest Coast. In *Ancient Native Americans*. J. Jennings, ed. W.H. Freeman, San Francisco. pp. 43-93.

- Dixon, E.J. 1979 Eskimo-Indian relationships: A view from prehistory. In *Indian-Eskimo Relations: Studies in the Inter-ethnic Relations of Small Societies*. J.G.E. Smith, ed. *Arctic Anthropology* 16(2):3-22.
- Dixon, E.J. 1984 Prehistory of the Bering Sea Region. In *Arctic*, D. Damas, ed. *Handbook of North American Indians, Vol. 5*. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.D. pp. 94-105.
- Dixon, E.J. 1985 Cultural chronology of central Interior Alaska. *Arctic Anthropology* 22(1):47-66.
- Dixon, E.J. 1985. Cultural Chronology of Central Interior Alaska. *Arctic Anthropology*, 22(1):47–66.
- Dixon, E.J. 1987 *The Eskimos and Aleuts*. Revised Edition. Thames and Hudson, New York.
- Dixon, E.J. 1988 Trends and Traditions in Alaskan Prehistory: A New Look at an Old View of the Neo-Eskimo. In *The Late Prehistoric Development of Alaska's Native People*. R.D. Shaw, R.K. Harritt and D.E. Dumond, eds. *Aurora IV*. Alaska Anthropological Association, Anchorage. pp. 17-26.
- Dixon, E.J. 1993 *Quest for the Origins of the First Americans*. University of New Mexico Press, Albuquerque.
- Dumond, D. 1965 On Eskaleutian linguistics, archaeology, and prehistory. *American Anthropologist* 67(5):1231-1257.
- Fagan, B. M. 1987 *The Great Journey: The Peopling of Ancient America*. Thames and Hudson, New York.
- Fedorova, S. 1973 *The Russian Population in Alaska and California, Late Eighteenth Century to 1867*. Translated and edited by R. Pierce and A. Donnelly. Limestone Press, Kingston, Ontario.
- Ford, J.A. 1959 Eskimo prehistory in the vicinity of Point Barrow, Alaska. *Anthropological Papers of the American Museum of Natural History*, Vol. 47. New York.
- Fowler, W. Jr. 1977 Linguistic Evidence for Athapaskan Prehistory. In *Problems in the Prehistory of the North American Subarctic: The Athabaskan Question*. J. Helmer, S. Van Dyke and F. Kense, eds. Archaeological Association of the University of Calgary, Calgary. pp. 102-105.
- Franklin, Sir J. 1828 Narrative of a Second Expedition to the Shores of the Polar Sea, in the Years 1825, 1826, 1827. John Murray, London.
- Gal, R and E.S. Hall 1982 A provisional view of North Alaskan cultural history. In: *Archaeological Investigations in the National Petroleum Reserve in Alaska*. E. Hall and R. Gal, eds. *Anthropological Papers of the University of Alaska* 20(1-2):3-5.
- Gal, R., P.M. Bowers and M.L. Kunz n.d. Recent Bureau of Land Management archaeological fieldwork in the National Petroleum Reserve, Alaska. Unpublished ms.
- Gerlach C. and O.K. Mason 1992 Calibrated radiocarbon dates and cultural interaction. *Arctic Anthropology* 29(1):54-81.
- Gerlach, S.C. (compiler). 1990. Summary of Cultural Resource Investigations for Alyeska Pipeline Service Company. Occasional Papers in Anthropology 1(2). Alaska Quaternary Center.

- Gerlach, S.C. and E.S. Hall 1988 The Later Prehistory of Northern Alaska: The View from Tukuto Lake. In: The Late Prehistoric Development of Alaska's Native People. R.D. Shaw, R.K. Harritt and D.E. Dumond, eds. *Aurora IV*. Alaska Anthropological Association Monograph Series. Anchorage. pp. 107-135.
- Gibson, J. 1976 *Imperial Russia in Frontier America*. Oxford University Press, New York.
- Giddings, J.L. 1951 The Denbigh Flint complex. *American Antiquity* 16(3):193-203.
- Giddings, J.L. 1952 The Arctic Woodland Culture of the Kobuk River. *University Museum Monograph* 8. University of Pennsylvania. Philadelphia.
- Giddings, J.L. 1956 Forest Eskimos: An Ethnographic Sketch of the Kobuk River People in the 1880's. *University of Pennsylvania Museum Bulletin* 20(2):1-55.
- Giddings, J.L. 1961 Kobuk River People. *University of Alaska Studies of Northern Peoples* 1. College.
- Giddings, J.L. 1963 Some Arctic spearpoints and their counterparts. *Anthropological Papers of the University of Alaska* 10(2):1-11.
- Giddings, J.L. 1965 A Long History of Eskimos and Indians at the Forest Edge. In: *Context and Meaning in Cultural Anthropology*. M.E. Spiro, ed. Free Press. New York. pp. 189-205.
- Giddings, J.L. and I. Skarland 1948 Flint stations in central Alaska. *American Antiquity* 14(2):116-120
- Gillispie, T. 1984 The Jay Creek Mineral Lick: Prehistory and paleoeconomics of a hunting station site complex in the central Alaska Range. Paper presented at the 11th Annual Meeting of the Alaska Anthropological Association, Fairbanks, March, 1984.
- Glenn, E. 1899 Reports of Exploration in the Territory of Alaska (Cooks Inlet, Sushitna, Copper and Tanana Rivers). 1898. U.S. Government Printing Office, Washington, D.C.
- Glenn, E. 1900 A Trip into the Tanana Region. 1898. In *Compilations of Narratives of Explorations in Alaska*. U.S. Government Printing Office, Washington, D.C. pp. 629-647.
- Goebel, T. and N. Bigelow 1996 Panguingue Creek. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F.H. West, ed. The University of Chicago Press, Chicago. Pp. 366-371.
- Goebel, T., R. Powers, N. Bigelow and A. Higgs 1996 Walker Road. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F.H. West, ed. The University of Chicago Press, Chicago. pp. 356-363.
- Gotthardt, R. 1990 The Archaeological Sequence in the Northern Cordillera: A Consideration of Typology and Traditions. *Tourism Yukon, Heritage Branch, Occasional Papers in Anthropology*, No. 1.
- Greenberg, J. 1996 Beringia and New World Origins: The Linguistic Evidence. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 525-536.
- Grove, J. 1988 *The Little Ice Age*. Routledge, London.

- Gubser, N.J. 1965 *The Nunamiut Eskimos: Hunters of Caribou*. Yale University Press, New Haven.
- Guthrie, R. D. 1982 Mammals of the Mammoth Steppe as Paleoenvironmental Indicators. In *Paleoecology of Beringia*. D.M. Hopkins, J.V. Matthews Jr., S.Schweger and S. Young, eds. Academic Press, New York. pp. 307-326.
- Guthrie, R.D. and M.L. Guthrie 1986 Pleistocene Rhymes and Seasonal Reasons: Natural History of the Interior. In *Interior Alaska: A Journey Through Time*, J. Aigner, R.D. Guthrie, R. Nelson, W. Schneider and R. Thorson, eds. The Alaska Geographic Society, Anchorage. pp. 53-95.
- Hall, E.S. 1969 Speculations on the late prehistory of the Kuchin Athapaskans. *Ethnohistory* 16(4):317-333.
- Hall, E.S. 1970 The late prehistoric/early historic Eskimo of Interior Northern Alaska: An ethnoarchaeological approach? *Anthropological Papers of the University of Alaska* 15(1):1-11.
- Hall, E.S. 1971 Kangiguksuk: A cultural reconstruction of a sixteenth century Eskimo site in northern Alaska. *Arctic Anthropology* 8(1):1-100.
- Hall, E.S. 1973 An Ipiutak site in interior northern Alaska. Paper presented at the Annual Meeting of the American Anthropological Association.
- Hall, E.S. 1975 An archaeological survey of Interior Northwest Alaska. *Anthropological Papers of the University of Alaska* 17(2):13-30. Fairbanks.
- Hall, E.S. 1976a Contributions to anthropology: The interior peoples of northern Alaska. E.S. Hall, editor. *Archaeological Survey of Canada Paper*, No. 49. National Museum of Man Mercury Series, Ottawa.
- Hall, E.S. 1978a Speculations on the late prehistory of the Kutchin Athapaskans. *Ethnohistory* 16(4):317-333.
- Hall, E.S. 1978c Technological change in northern Alaska. In: *Archaeological Essays in Honor of Irving B. Rouse*. R.C. Dunnell and E.S. Hall, eds. Mouton Publishers, The Hague. pp 209-230.
- Hall, E.S. 1984 Interior North Alaskan Eskimos. In: *Handbook of North American Indians*, Vol. 5, Arctic. Edited by D. Damas. pp. 338-346. Smithsonian Institution, Washington, D.C. n.d.
- Archaeological investigations in northern Alaska: Summer, 1974. Unpublished ms.
- Hall, E.S., S.C. Gerlach and B.M. Blackman 1985 In the national interest: A geographical study of the Anaktuvuk Pass Inupiat subsistence through time. North Slope Borough, Barrow, Alaska.
- Hamilton, T.D. 1982 Late Pleistocene glacial chronology for the Southern Brooks Range: Stratigraphic record and regional significance. *Geological Society of America Bulletin* 93:700-716.
- Hamilton, T.D. and S.C. Porter 1975 Itkillik Glaciation in the Brooks Range, northern Alaska. *Quaternary Research* 5:471-497.
- Harding Lawson Associates (HLA) Anchorage 1988 Trans-Alaska Gas System Final Environmental Impact Statement (Prepared by the Bureau of Land Management and U.S. Army Corps of Engineers).

- Harritt, R.K. 1995b Site report for KEN-324. On file Alaska State Office of History and Archaeology, Division of Natural Resources, Anchorage.
- Harritt, R.K. n.d.a Archaeological Resources in Gates of the Arctic National Park: An Overview and Assessment. Unpublished ms on file, U.S. National Park Service, Anchorage.
- Hastings, W. n.d. Origins of the early Eskimo in northern Alaska. Unpublished ms.
- Hayes, C. 1892 An Expedition Through the Yukon District. *National Geographic Magazine* 4:117-162.
- Helm, J. 1976 *The Indians of the Subarctic: A Critical Bibliography*. Indiana University Press, Bloomington.
- Helm, J. and E. Leacock 1971 The Hunting Tribes of Subarctic Canada. In *North American Indians in Historical Perspective*. E. Leacock and N. Lurie, eds. Random House, New York. pp. 343-374.
- Hibben, F. 1943 Evidences of Early Man in Alaska. *American Antiquity* 8(3):254-259.
- Hickey, C. 1976 An Economic View of Adaptation. In: Contributions to Anthropology: The Interior Peoples of Northern Alaska. E.S. Hall, editor. *Archaeological Survey of Canada Paper*, No. 49. National Museum of Man Mercury Series, Ottawa. pp. 235-298.
- Higgs, A.S. 1998. Cultural Resources Reconnaissance Survey Report for Vault Creek and Marshall Dome. Letter-report prepared for Newmont Gold Company by Northern Land Use Research, Inc., Fairbanks, Alaska.
- Hippler, A. and J. Wood 1974 The Subarctic Athapaskans: A Selected Annotated Bibliography. Institute of Social, Economic and Government Research, University of Alaska, Fairbanks.
- HNI 1981 Handbook of North American Indians, Vol. 6. Subarctic. J. Helm, volume editor. W.C.Sturtevant, General Editor. Smithsonian Institution, Washington, D.C
- HNI 1984 Handbook of North American Indians, Vol. 5, Arctic. Wm. Sturtevant, General Editor; David Damas, Volume Editor. Smithsonian Institution Press, Washington, D.C.
- Hoffecker, J. and R. Powers 1996 Little Panguingue Creek. . In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. Pp 371-374.
- Hoffecker, J., R. Powers and N. Bigelow 1996 Dry Creek. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. Pp. 343-352.
- Hoffman, D., D. Libbey, and G. Spearman n.d. Nuiqsut: A study of land use values through time. *Cooperative Park Studies Unit Occasional Paper* No. 12. With the North Slope Borough. Fairbanks.
- Hoijer, H. 1963 The Athapaskan Languages. In Studies in Athapaskan Languages, H. Hoijer, ed. *University of California Studies in Linguistics*, 29. Berkeley. pp. 1-29.
- Holmes, C. 1975 A northern Athapaskan environment system in diachronic perspective. *The Western Canadian Journal of Anthropology* 5(3-4):92-124.

- Holmes, C., R. VanderHoek and T. Dilley 1996 Swan Point. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 319-323.
- Holmes, C.E., and R.J. Dale. 1988. Cultural Resources Survey of the Elliott Highway Milepost 73–154, 1987, Project 30441322. Office of History and Archaeology, Report No. 11. Alaska Division of Parks, Anchorage, Alaska.
- Hopkins, D. 1996 Introduction: The Concept of Beringia. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F.H. West, ed. University of Chicago Press, London. pp. xviixxi.
- Hopkins, D., J. Matthews Jr., C. Schweger, and S. Young. 1982 *The Paleoecology of Beringia*. D. Hopkins, J. Matthews Jr., C. Schweger, and S. Young, eds. Academic Press, New York.
- Hosley, E. 1981 Environment and Culture in the Alaska Plateau. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 533-545.
- Hosley, E. 1981 Intercultural Relations and Cultural Change in the Alaska Plateau. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 546-555.
- Hosley, E.H. 1981. Intercultural Relations and Culture Change in the Alaska Plateau. Pages 546–555 in: J. Helm (ed.). *Handbook of the North American Indian: Subarctic*. Vol. 6. Smithsonian Institution, Washington, D.C.
- Humphrey, R.L. Jr. 1970 The prehistory of the Arctic Slope of Alaska: Pleistocene cultural relationships between Eurasia and North America. Unpublished Phd dissertation, University of New Mexico.
- Ingstad, H. 1954 *Nunamiut: Among Alaska's Inland Eskimos*. F.H. Lyons, translator. Allen and Unwin, London.
- Irving, W. 1951 Archaeology in the Brooks Range of Alaska. *American Antiquity* 17(1):52.
- Irving, W. 1953 Evidence of early tundra cultures in Northern Alaska. *Anthropological Papers of the University of Alaska* 1(2):55-85.
- Irving, W. 1962a 1961 fieldwork in the western Brooks Range, Alaska: Preliminary report. *Arctic Anthropology* 1(4):76-83.
- Irving, W. 1962b A provisional comparison of some Alaskan and Asian stone industries. In: Prehistoric Cultural Relationships Between the Arctic and Temperate Zones of North America, J.M. Campbell, ed. *Arctic Institute of North America Technical Paper* 11. pp.55-68. Montreal.
- Irving, W. 1964 Punyik Point and the Arctic Small Tool tradition. PhD dissertation in Anthropology. University of Wisconsin. *University Microfilms* 64-10,247. Ann Arbor, Michigan.
- Irving, W. n.d. An archaeological reconnaissance of the lower Colville River and Delta region. Report to Chief of Naval Research, Office of Naval Research.
- Irving, W.M., and C.R. Harrington 1978 Upper Pleistocene radiocarbon-dated artifacts from the northern Yukon. *Science* 179:335-340.
- Ives, J. 1990 *A Theory of Athapaskan Prehistory*. Westview Press, Boulder.

Jacobsen, J. 1977 *Alaskan Voyage, 1881-1883*. Translated by E. Gunther. University of Chicago Press, Chicago.

Jenness, D. 1953 Stray Notes on the Eskimo of Arctic Alaska. *Anthropological Papers of the University of Alaska* 1(2):5-13.

Kalifornsky, P. 1991 *A Dena'ina Legacy (K'tl'egh'i Sukdu)*. Alaska Native Language Center, University of Alaska. Fairbanks.

Kari, J. 1975 A Classification of Tanaina Dialects. *Anthropological Papers of the University of Alaska* 17(2):49-53.

Kari, J. 1977 Linguistic Diffusion Between the Ahtna and Tanaina. *International Journal of American Linguistics* 43:274-289.

Kari, J. 1988 Some Linguistic Insights into Dena'ina Prehistory. In "The Late Prehistoric Development of Alaska's Native People." R.D. Shaw, R.K. Harritt and D.E. Dumond, eds. *Aurora No. IV*. Alaska Anthropological Association, Anchorage. pp. 319-338.

Kari, J. and J. Fall 1987 *Shem Pete's Alaska, the Territory of the Upper Cook Inlet Dena'ina*. J. Kari and J. Fall, eds. Alaska Native Language Center, University of Alaska, and the CIRI Foundation, Fairbanks.

Kari, J. and P. Kari 1982 *Dena'ina Enena: Tanaina Country*. Alaska Native Language Center, University of Alaska. Fairbanks.

Krauss, M. 1964-1965 Proto-Athapaskan-Eyak and the problem of Na-Dene. 2 Parts *International Journal of American Linguistics* 30(2):118-131.

Krauss, M. 1973 Na Dene'. In *Linguistics in North America*. Vol. 10, T. Sebeok, ed. Mouton, The Hague, Paris. pp. 903-978.

Krauss, M. and V. Golla 1981 Northern Athapaskan Languages. In *Subarctic*, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 67-85.

Kunz, M. 1971 The Mosquito Lake site (S-63) in the Galbraith area. In: *Final report of the archaeological survey and excavations along the Alyeska Pipeline Service Company pipeline route*. J.P. Cook, ed. College. pp. 297-325.

Kunz, M. 1976 Archeological survey in the region of Itkillik Lake, Alaska: A report to the Bureau of Land Management and the National Park Service. Institute of Arctic Biology, University of Alaska, Fairbanks. On file, National Park Service, Anchorage.

Kunz, M. 1979 Archaeological survey in the Otuk and Iteriak Creek drainages, Alaska. In: BLM Archaeology: Papers Presented at the Sixth Annual Meeting of the Alaska Anthropological Association, Fairbanks.

Kunz, M. and K. Troxel 1989 The Anaktuvuk Pass all-terrain vehicle study 1986-1988: A narrative report of field operations and dispersed ATV use. D. Weaver, ed. U.S. Department of the Interior, National Park Service, Gates of the Arctic National Park and Preserve, Fairbanks.

Kunz, M. n.d.a Archaeological survey in the region of Itkillik Lake, Alaska. Report to the Bureau of Land Management and National Park Service.

- Kunz, M. n.d.b The Mesa site (KIR-102): An early Holocene hunting station in the Iteriak Valley, northern Alaska. Unpublished ms.
- Kunz, M.L. and R.E. Reanier 1994 Paleoindians in Beringia: Evidence from Arctic Alaska. *Science* 263:660-662.
- Kunz, M.L. and R.E. Reanier 1996 The Mesa Site, Iteriak Creek. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 497-504.
- Kunz, M.L., P. Anderson, J.M. Campbell, M.L. Ganley, J.N. Kilmarx, P.G. Phippen, R.E. Reanier, G. Spearman, and A.E. Halleen 1991 Cultural Resource Survey and Inventory: Gates of the Arctic National Park and Preserve, Alaska. *National Park Service Research/Resources Management Report AR-18*. Anchorage.
- Kurtén, B. and E. Anderson 1936 An archaeological reconnaissance of the middle and lower Yukon Valley, Alaska. *American Antiquity* 2(1):6-12.
- Kurtén, B. and E. Anderson 1947 The Prehistory of Northern North America as Seen from the Yukon. *Memoire of the Society for American Archaeology* 3.
- Kurtén, B. and E. Anderson 1962 Intemperate Reflections on Arctic and Subarctic Archaeology. In: *Prehistoric Cultural Relations Between the Arctic and Temperate Zones of North America*, J. Campbell, ed. *Arctic Institute of North America Technical Paper*, No. 11. Montreal. pp. 164-169.
- Kurtén, B. and E. Anderson 1980 *Pleistocene Mammals of North America*. Columbia University Press, New York. de Laguna, F.
- Larsen, H. 1972 The Tareormiut and the Nunamiut of Northern Alaska: A Comparison Between Their Economy, Settlement Pattern and Social Structure. In: *Circumpolar Problems*. Edited by G. Berg. pp. 119-126. Pergamon Press, Oxford.
- Larsen, H. and F. Rainey 1948 Ipiutak and the Arctic whale hunting culture. *Anthropological Papers of the American Museum of Natural History*, Vol. 42. New York.
- Laughlin, W. 1957 Blood groups of the Anaktuvuk Eskimo, Alaska. *Anthropological Papers of the University of Alaska* 6(1):5-15.
- Lee, R.B. and I. DeVore 1967 Problems in the study of hunters and gatherers. In *Man the Hunter*. R.B. Lee and I. DeVore, eds. Aldine-Atherton, Chicago. pp. 3-12.
- Leer, J. 1979 Proto-Athapaskan verb stem variation. *Alaska Native Language Center Research Paper* 1. University of Alaska, Fairbanks.
- Libbey and E. Hall. Barrow, Alaska. pp. 3-28 (first half of the report). n.d.a Napaqsralik (Cross Island): Historic site report. Unpublished report to the North Slope Borough.
- Libbey and E. Hall. n.d.b Tigvaqiaq: Historic site report. Unpublished report to the North Slope Borough.
- Libbey and E. Hall. n.d.c Flaxman Island-Brownlow Point: Historic site report. Unpublished report to the North Slope Borough.
- Lobdell, J. 1979a Archaeological reconnaissance of proposed construction localities at Prudhoe Bay, Alaska for 1979. Atlantic Richfield Oil and Gas Company, Anchorage.

- Lobdell, J. 1979b Archaeological reconnaissance of proposed construction localities at Prudhoe Bay, Alaska for 1979: An addendum. Atlantic Richfield Oil and Gas Company, Anchorage.
- Lobdell, J. 1979c Archaeological reconnaissance of proposed construction localities at Prudhoe Bay, Alaska for 1980. Atlantic Richfield Oil and Gas Company, Anchorage.
- Lobdell, J. 1979d The archaeological potential of the ARCC-Prudhoe and Kuparuk fields. ARCO Environmental Conservation Department, Anchorage.
- Lobdell, J. 1980 Coastal and barrier island archaeological localities in the Beaufort Sea coast of Alaska: Colville to Staines Rivers. ARCO Environmental Conservation Department, Anchorage.
- Lobdell, J. 1986 The Kuparuk site: A Northern Archaic hunting camp of the Arctic Coastal Plain, North Alaska. *Arctic* 39(1):47-51.
- Lobdell, J. 1995 North Alaska pingos: Ephemeral refugia in prehistory. *Arctic Anthropology* 32(1):62-81.
- Itural resource survey in Wainwright. Unpublished ms., and map.
- Lynch, T. 1991 "The Peopling of the Americas -- A Discussion." In *The First Americans, Search and Research*, T. Dillehay and D. Meltzer, eds. CRC Press, Boca Raton. pp. 267-274.
- Maschner, H. 1992 The Origins of Hunter and Gatherer Sedentism and Political Complexity: A Case Study from the Northern Northwest Coast. Unpublished PhD dissertation in Anthropology. University of California, Santa Barbara.
- Mason, O. and S.C. Gerlach 1995 Chukchi Hot Spots, Paleo-polynyas and Caribou Crashes: Climatic and Ecological Dimensions of North Alaska Prehistory. *Aurora* monograph series. Alaska Anthropological Association, Anchorage. In press.
- Mathiassen, T. 1930 Archaeological collections from the western Eskimos. *Report of the 5th Thule Expedition, 1921-24*, Vol. 10. Copenhagen.
- McClellan, C. 1964 Culture contacts in the early historic period in northwestern North America. *Arctic Anthropology* 2(2):3-15.
- McClellan, C. 1981. Intercultural Relations and Cultural Change in the Cordillera. Pages 387–401 in: *Handbook of North American Indian: Subarctic*. Volume 6. Smithsonian Institution, Washington, D.C.
- McFadyen Clark, A. 1981 Koyukon. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 582-601.
- McFayden, A. and D. Clark 1976 Koyukuk Indian - Kobuk Eskimo Interaction. In: *Contributions to Anthropology: The Interior Peoples of Northern Alaska*. E.S. Hall, editor. *Archaeological Survey of Canada Paper*, No. 49. National Museum of Man Mercury Series, Ottawa. pp. 193-220.
- McKenna, R. 1959 The Upper Tanana Indians. *Yale University Publications in Anthropology* 55. New Haven.
- McKenna, R. 1965 The Chandalar Kutchin. *Arctic Institute of North America Technical Paper*, No. 17. Montreal.

- McKenna, R. 1969a Athapaskan groups in central Alaska at the time of White contact. *Ethnohistory* 16(4):335-343.
- McKenna, R. 1969b Athapaskan Groupings and Social Organization in Central Alaska *Anthropological Series 84, National Museum of Canada Bulletin 228*, Ottawa. pp. 93-115.
- McKenna, R. 1981 Tanana. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 562-576.
- McKenna, R. and J.P. Cook 1970 The Athapaskan Tradition: A View from Healy Lake in the Yukon-Tanana Upland. Paper Presented at the 10th Annual Meeting of the Northeastern Anthropological Association, May, 1970, Ottawa.
- McKenna, R. and J.P. Cook 1980 Athapaskan Subsistence Adaptations in Alaska. *Senri Ethnological Studies, No. 4: Alaska Native Culture and History*. National Museum of Ethnology, Osaka. pp. 205-232.
- Meltzer, D. 1991 On "Paradigms" and "Paradigm Bias" in Controversies Over Human Antiquity in America." In *The First Americans, Search and Research*, T. Dillehay and D. Meltzer, eds. CRC Press, Boca Raton. pp. 13-52.
- Mobley, C. 1996 Campus Site. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 296-302.
- Morlan, R. 1976 Some Archaeological Problems Bearing Upon the Origins of Historic Brooks Range Cultures. In: *Contributions to Anthropology: The Interior Peoples of Northern Alaska*. E.S. Hall, editor. *Archaeological Survey of Canada Paper*, No. 49. National Museum of Man Mercury Series, Ottawa. pp. 221-234.
- Müller-Beck, H. 1967 On Migrations of Hunters Across the Bering Land Bridge in the Upper Pleistocene. In *The Bering Land Bridge*. D.M. Hopkins, ed. Stanford University Press, Palo Alto. pp. 375-408.
- Murdoch, J. 1892 The ethnological results of the Point Barrow expedition. *Ninth Annual Report of the Bureau of American Ethnology*, Washington, D.C. National Petroleum Reserve in Alaska: Task Force Field Report 4
- Murdoch, J. 1977 History and cultural resources: National Petroleum Reserve in Alaska. Anchorage.
- Murdoch, J. 1978 History and cultural resources: National Petroleum Reserve in Alaska. Anchorage.
- Neakok, W., D. Neakok, W. Bodfish, D. Libbey, E.S. Hall, and the Point Lay Elders. 1985. To Keep the Past Alive: The Point Lay Cultural Resource Site Survey. North Slope Borough, Barrow, Alaska.
- Nelson, R. 1973 *Hunters of the Northern Forest: Designs for Survival among the Alaskan Kutchin*. University of Chicago Press, Chicago.
- Nelson, R. 1979. Cultural Values of the Land in Native Livelihood and Dependence: A Study of Land Use Values Through Time. National Petroleum Reserve in Alaska 105(C) Land Use Study Field Study 1. Prepared by North Slope Borough Contract Staff. Bureau of Land Management, NPRA–A Work Group 1, Anchorage, Alaska.

NPS (National Park Service) 1986 General management plan/land protection plan/wilderness suitability review: Gates of the Arctic National Park and Preserve, Alaska. National Park Service, Anchorage and Fairbanks.

Orth, D. 1967 A Dictionary of Alaska Place Names. *U.S. Geological Survey Professional Paper* 567. U.S. Government Printing Office, Washington, D.C.

Osgood, C. 1976 The Ethnography of the Tanaina. 1976 Reprint by Human Relations Area File Press (New Haven) of the 1937 *Yale University Publications in Anthropology*, No. 16. New Haven.

Oswalt, W. 1967 *Alaskan Eskimos*. Chandler Publishing Company, San Francisco. Petroff, I. 1884 Alaska: Its' Population, Industries and Resources. *Tenth Census of the United States, 1880, Vol. 8*. Department of the Interior, Washington, D.C.

Pewe, T. 1975 Quaternary Geology of Alaska. *Geological Survey Professional Paper* 835. U.S. Government Printing Office, Washington, D.C.

Pielou, E.C. 1991 *After the Ice Age: The Return of Life to Glaciated North America*. The University of Chicago Press, Chicago.

Porter, R. 1893 *Report of Population and Resources of Alaska at the Eleventh Census: 1890*. U.S. Government Printing Office, Washington, D.C.

Porter, S.C. 1964 Antiquity of man at Anaktuvuk Pass, Alaska. *American Antiquity* 29(4):492-496.

Powers, W.R. and J.F. Hoffecker 1989 Late Pleistocene settlements in the Nenana Valley, Central Alaska. *American Antiquity* 54(2): 263-287.

Price, T. and J. Brown 1985 Aspects of Hunter-Gatherer Complexity. In *Prehistoric Hunter-Gatherers: The Emergence of Cultural Complexity*. Academic Press, New York. pp. 3-20.

Rainey, F. 1939 Archaeology in Central Alaska. *Anthropological Papers of the American Museum of Natural History* 36(4):351-405.

Rausch, R. 1951 Notes on the Nunamiut Eskimo and mammals of the Anaktuvuk Pass Region, Brooks Range, Alaska. *Arctic* 4(3): 147-195.

Ray, D. 1983 *Ethnohistory in the Arctic: The Bering Strait Eskimo*. R.A. Pierce, ed. The Limestone Press, Kingston, Canada.

Ray, P.H. 1885 Ethnographic Sketch of the Natives. In: *Report of the International Polar Expedition to Point Barrow, Alaska, in Response to the Resolution of the House of Representatives of December 11, 1884*. U.S. Government Printing Office, Washington. pp. 35-87.

Reanier, R.E. 1992 Refinements to K-means Clustering: Spatial Analysis of the Bateman Site, Arctic Alaska. Unpublished PhD dissertation, University of Washington, Seattle.

Reanier, R.E. 1996 Putu and Bedwell. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 505-511.

Ricciardelli, A.F. 1954 Archaeological survey of Kongakut-Firth river area. In: Preliminary geographical survey of the Kongakut-Firth river area. W.G. Carnes, ed. Report to the National Park Service.

- Ricciardelli, A.F. 1953 The causes which have led to the abandonment of the North Slope of Alaska. Unpublished M.A. thesis, University of Pennsylvania.
- Riches, D. 1982 *Northern Nomadic Hunters-Gatherers: A Humanistic Approach*. Academic Press, London.
- Richie, J. and L. Cwynar 1982 The Late Quaternary Vegetation of the North Yukon. In *Paleoecology of Beringia*, D. Hopkins, J. Matthews, C. Schweger and S. Young, eds. Academic Press, New York. pp. 113-126.
- Schanz, A. 1891 Our Alaska Expedition. *Frank Leslie's Illustrated Newspaper* 72(1881-1882).
- Schlesier, K.H. 1964 Vorbericht uber die erste deutsche archaeologische Brooks-Range expedition, nord Alaska. *Anthropos* 59:911-917.
- Schlesier, K.H. 1966 Sedna Creek: Abschlussbericht uber eine archaeologische felderbereit in nord Alaska. *Zeitschrift fur Ethnologie*, 91(1):5-39.
- Schlesier, K.H. 1967 Sedna Creek: Report on an archaeological survey on the Arctic Slope of the Brooks Range. *American Antiquity* 32(2):210-222.
- Schlesier, K.H. 1971 The archaeology of Sedna Creek. *Wichita State University Bulletin, University Studies*, No. 8-9.
- Schneider, W.C. and R. Bennet n.d. Point Lay synopsis. In: Summary: A study of land use values throughout time. Unpublished ms, prepared by the North Slope Borough contract staff. Barrow.
- Schneider, W.C. n.d. Historic sites and the persistence of subsistence values. Unpublished ms.
- Schneider, W.C., S. Pederson and D. Libbey 1980 Barrow-Atkasuk: Land use values through time in the Barrow-Atkasuk area. Cooperative Park Studies Unit, Occasional Paper 24. Fairbanks. With the North Slope Borough.
- Schoenberg, K. n.d. The archaeology of the Utukok River, Alaska. Unpublished ms. 1985 The Archaeology of Kurupa Lake. National Park Service *Research/ Resources Management Report* AR-10. National Park Service, Anchorage.
- Schrader, F.C. 1904 A Reconnaissance in Northern Alaska, Across the Rocky Mountains, Along Koyukuk, John, Anaktuvuk, and Colville Rivers and the Arctic Coast to Cape Lisburne in 1901. *U.S. Geological Survey Professional Paper* 20. U.S. Government Printing Office, Washington, D.C.
- Sherwood, M.B. 1992 *Exploration of Alaska 1865-1900*. University of Alaska Press. Fairbanks.
- Shields, H.M. 1979 Recent developments in the Noluck Lake-Storm Creek region, Alaska. Paper presented at the 6th Annual Meeting of the Alaska Anthropological Association, Fairbanks. n.d. Prehistoric land use patterns in the western Brooks Range. Unpublished ms.
- Shinkwin, A. 1964 Early Man in the Brooks Range: The Tuktu-Naiyuk Sequence. Unpublished masters thesis, George Washington University.
- Shinkwin, A. 1977 The "Archaeological Visibility" of Northern Athapaskans in the Tanana River Area, Central Alaska: A Discussion. In *Problems in the Prehistory of the North American Subarctic: The Athabaskan Question*. J. Helmer, S. Van Dyke and F. Kense, eds. Archaeological Association of the University of Calgary, Calgary. pp. 40-45.

- Shinkwin, A. 1979 Dakah De'nin's village and the Dixthada site: A contribution to northern Athapaskan prehistory. *National Museum of Man, Mercury Series Paper No. 91*. Archaeological Survey of Canada. Ottawa.
- Shinkwin, A. and J. Aigner 1979 Interior Athapaskan settlement-subsistence strategies: Implications for archaeological research. Paper presented at the 6th Annual Meeting of the Alaska Anthropological Association, April, 1979, Fairbanks.
- Shinkwin, A., J. Aigner and E. Andrews 1980 Land use patterns in the upper Tanana Valley, Alaska. *Anthropological Papers of the University of Alaska* 19(2):45-53.
- Shinkwin, Anne D. and Jean S. Aigner. 1979 (May). Historic and Prehistoric Land Use in the Upper Tanana Valley: Report on the Archaeological Survey Along the Alaska Highway Pipeline from Delta Junction to the Yukon Border. University of Alaska, Fairbanks, Alaska.
- Simpson, J. 1875 Observations on the Western Eskimo and the Country They Inhabit, from Notes Taken During Two Years at Point Barrow. Royal Geographical Society, Arctic Geography and Ethnology, London. pp. 233-275.
- Slobodin, R. 1981 Kutchin. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 514-532.
- Solecki, R. 1950a New data on the inland Eskimo of northern Alaska. *Journal of the Washington Academy of Sciences* 40(5):137-157.
- Solecki, R. 1950b A preliminary report of an archaeological reconnaissance of the Kukpowruk and Kokolik Rivers in northwest Alaska. *American Antiquity* 16(1):66-69.
- Solecki, R. 1951a Archaeology and ecology of the Arctic Slope of Alaska. *Annual Report of the Smithsonian Institution for 1950*. Washington, D.C.
- Solecki, R. 1951b Notes on two archaeological discoveries in northern Alaska, 1950. *American Antiquity* 17(1):55-57.
- Solecki, R. 1952 A petroglyph in northern Alaska. *American Antiquity* 17(1):63-64. 1996 Prismatic cores on the Kukpowruk and Kugurukok Rivers. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 513-521.
- Solecki, R. and R.J. Hackman 1951 Additional data on the Denbigh Flint complex in northern Alaska. *Journal of the Washington Academy of Sciences* 41(3):85-88.
- Solecki, R., B. Salwen and J. Jacobson 1973 Archaeological Reconnaissances North of the Brooks Range in Northeastern Alaska. *University of Calgary, Department of Archaeology Occasional Paper*, 1. Calgary.
- Spearman, G. 1979 Land Use Values Through Time in the Anaktuvuk Pass Area. *Cooperative Park Studies Unit Occasional Paper*, No. 22. University of Alaska Fairbanks. n.d. Anaktuvuk Pass: Land use values through time. North Slope Borough and Cooperative Park Studies Unit. Fairbanks.
- Spencer, R. 1959 The North Alaskan Eskimo: A Study in Ecology and Society. *Bureau of American Ethnology Bulletin* 171.

Spencer, R. 1982 North Alaska Coast Eskimo. In: *Handbook of North American Indians*, Vol. 5, Arctic. Edited by D. Damas. pp. 320-337. Smithsonian Institution, Washington, D.C.

Stanford, J.D. 1976 The Walakpa Site, Alaska: Its Place in the Birnirk and Thule Cultures. *Smithsonian Contributions to Anthropology*, Vol. 24. Washington, D.C.

Stefansson, V. 1914a The Stefansson-Anderson Arctic Expedition of the American Museum: Preliminary Ethnological Work. *Anthropological Papers of the American Museum of Natural History*, Vol. 14, Pt. 1. New York.

Stefansson, V. 1914b Prehistoric and Present Commerce Among the Arctic Coast Eskimo. *Geological Survey of Canada, Museum Bulletin*, No. 6.

Stefansson, V. 1943 *The Friendly Arctic: The Story of Five Years in Polar Regions*. Second edition. MacMillan, New York.

Stefansson, V. 1951 *My Life With the Eskimo*. The MacMillan Co., New York.

Stern, R.O. 1982. Cultural Resources Investigation Along the Richardson Highway, Milepost 129 to 185, Glenn-Rich Junction to Paxson, Alaska. Prepared by Alaska Department Natural Resources, Division of Geological and Geophysical Surveys. Prepared for Alaska Department of Transportation and Public Facilities.

Stern, R.O. n.d. Preliminary report: Cultural resources survey of the Ikpikpuk and upper Chipp rivers, NPR-A, with narrative on the historic uses of these rivers and portions of the Colville River. Unpublished ms.

Stevens Village Council. 1999. Stevens Village Land Use Plan, Ethnogeography of Ancestral Lands and Integrated Resource Management Plan.

Stoney, G.M. 1900 Naval Explorations in Alaska: An Account of Two Naval Expeditions to Northern Alaska, with Official Maps of the Country Explored. U.S. Naval Institute, Annapolis. (Reproduced by the Shorey Book Store, Seattle, Washington, 1965).

Tenenbaum, J. 1976 *Dena'ina Sukdu'a Dghiliq' Sukdu'a (Mountain Stories)*. Alaska Native Language Center, University of Alaska. Fairbanks.

Thompson, R.D. 1948 Notes on the archaeology of the Utukok River, northwestern Alaska. *American Antiquity* 14(1):62-65.

Thorson, R. 1986 The Ceaseless Contest: Landscapes in the Making. In *Interior Alaska, A Journey Through Time*. R. Thorson, J. Aigner, R. Guthrie, M. Guthrie, W. Schneider, and R. Nelson, eds. The Alaska Geographic Society, Anchorage. pp. 1-51.

Thorson, R. and T. Hamilton 1983 Glaciation in Alaska: Extended Abstracts from a Workshop. *Alaskan Quaternary Center Occasional Paper* No. 2. University of Alaska Museum, Fairbanks.

Tikhmenev, P. 1978 *A History of the Russian-American Company*. Translated and edited by R. Pierce and A. Donnelly. University of Washington Press, Seattle.

Turner, C. III 1988 A New View of Alaskan Population Structure at About Historic Contact. In: *The Late Prehistoric Development of Alaska's Native People*. Edited by R.D. Shaw, R.K. Harritt and D.E. Dumond. *Aurora* No. IV. Alaska Anthropological Association, Anchorage. pp. 27-36.

Unrau, H. 1995 Ecoregions of Alaska. U.S. Geological Survey Professional Paper 1567. U.S. Government Printing Office, Washington, D.C.

- Van Valin, W.B. 1941 *Eskimoland Speaks*. The Caxton Printers, Caldwell.
- VanStone, J 1977b *Athapaskan Adaptations: Hunters and Fishermen of the Subarctic Forests*. Aldine, Chicago.
- VanStone, J. 1974 *Athapaskan Adaptations: Hunters and Fishermen of the Subarctic Forests*. Aldine, Chicago.
- VanStone, J. and I. Goddard 1981 Territorial Groups of West-Central Alaska Before 1898. In Subarctic, J. Helm, ed. *Handbook of North American Indians*, Vol. 6. W. Sturtevant, gen. ed. Smithsonian Institution, Washington, D.C. pp. 556-561.
- VanStone, J. and J. Townsend 1970 Kijik: An Historic Tanaina Indian Settlement. *Fieldiana: Anthropology*, Vol. 59. Field Museum of Natural History, Chicago.
- Wentworth, C. n.d. Kaktovik synopsis. In: Summary: A Study of Land Use Values Through Time. Prepared by the North Slope Borough contract staff. Barrow.
- West, F.H. 1953 Leaf-shaped points in the western Arctic. *Anthropological Papers of the University of Alaska* 10(2):51-62
- West, F.H. 1981 *The Archaeology of Beringia*. Columbia University Press, New York.
- West, F.H. 1996a *American Beginnings: The Prehistory and Paleoecology of Beringia*. F.H. West, ed. The University of Chicago Press, Chicago.
- West, F.H. 1996b Preamble: The Study of Beringia. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. University of Chicago Press, London. pp. 1-10.
- West, F.H. 1996c Beringia and New World Origins: The Archaeological Evidence. In: *American Beginnings: The Prehistory and Paleoecology of Beringia*. F. West, ed. University of Chicago Press, London. pp. 537-559.
- Wilson, I.R. 1978 Archaeological Investigations at the Atigun Site, Central Brooks Range, Alaska. *Archaeological Survey of Canada Paper*, No. 78. National Museum of Man Mercury Series, Ottawa.
- Workman, W. 1969 Southwestern Alaska Crossties with the Bering Sea Region: A Discussion Based on Data from Chirikof Island, Southwestern Alaska. Paper presented at the 34th annual meeting of the Society for American Archaeology, Milwaukee.
- Workman, W. 1979 The Significance of Volcanism in the Prehistory of Subarctic North America. In *Volcanic Activity and Human Ecology*. P. Sheets and D. Grayson, eds. Academic Press, New York. pp. 339-371.
- Workman, W. 1980 Holocene Peopling of the New World: Implications of the Arctic and Subarctic Data. *Canadian Journal of Anthropology* 1(1):129-139.

3.6 ATTACHMENTS

- 3.A – Example Programmatic Agreement, Alaska DNR Office of History and Archaeology, April 2002.

ATTACHMENT 3.A

**Example Programmatic Agreement
Alaska DNR Office of History and Archaeology
April 2002**

EXAMPLE ONLY

Draft Programmatic Worksheet Operations and Maintenance Undertakings Alaska DNR Office of History and Archaeology, April 2002

PROGRAMMATIC AGREEMENT AMONG THE (IDENTIFY RESPONSIBLE AGENCY OFFICIAL) THE (IDENTIFY FEDERAL AGENCY) THE ALASKA STATE HISTORIC PRESERVATION OFFICER AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING MAINTENANCE, REHABILITATION, CONSTRUCTION AND REPAIR OPERATIONS ON (HISTORIC RESOURCE)

WHEREAS, (identify the responsible agency official/federal agency) proposes to carry out a variety of activities to include, but not be limited to, its program to (identify the activity: maintain, rehabilitate, construct, and repair) (identify the resource types: buildings, structures, roads, grounds, bridges, and associated landscaping) within the (identify location or historic property) and to (describe any other activities) within the boundaries of (identify location or historic property) including, but not limited to (identify activities that may have an adverse effect) in order to meet its program objectives; and

WHEREAS, (identify the responsible agency official/federal agency) has determined that these activities may have an effect upon properties included in or eligible for inclusion in the National Register of Historic Places (NRHP) and has consulted with the Advisory Council on Historic Preservation (ACHP) and the Alaska State Historic Preservation Officer (SHPO) pursuant to 36 CFR Part 800.14(b) of the regulations (36 CFR Part 800) implementing Sections 106, 110, and 111 of the National Historic Preservation Act of 1966, as amended (NHPA) (16 U.S.C. 470); and

NOW, THEREFORE, (identify the responsible agency official/federal agency), the ACHP, and the SHPO agree that (identify responsible agency official/federal agency) shall (identify the activities: maintain, rehabilitate, construct, and repair properties) within the boundaries of (identify location or historic property) in accordance with the following stipulations to satisfy (identify responsible agency official/federal agency)'s Section 106, 110, and 111 responsibilities for all individual undertakings of the program. This PA does not create any obligations for (identify responsible agency official/federal agency) in addition to those found in the statutes and regulations found or in excess of available appropriated funds.

STIPULATIONS

(Identify responsible agency official/federal agency) shall ensure that the following measures are carried out:

I. POLICY

A. (Identify responsible agency official/federal agency) shall maintain and preserve the historic integrity of all historic properties at (identify location or historic resource agency) and review the undertakings consistent with the requirements of the NHPA as implemented by regulations published at 36 CFR Part 800, and the Secretary of the Interior's Guidelines for Identification (48FR44720-23) and the Secretary of the Interior's Standards for Historic Preservation Projects (36 CFR 68) and for Rehabilitation and Guidelines for Rehabilitating Historic Buildings (U.S. Department of the Interior, National Park Service, 1992).

EXAMPLE ONLY

Draft Programmatic Worksheet Operations and Maintenance Undertakings Alaska DNR Office of History and Archaeology, April 2002

II. APPLICABILITY

A. This PA applies to all undertakings within the boundaries of (identify location or historic resource) that are under the direct or indirect jurisdiction of (identify responsible agency official/federal agency) including undertakings performed by (identify responsible agency official/federal agency)'s lessees or permittees.

III. DELEGATION OF AUTHORITY

A. (Identify the responsible agency officials) are the responsible agency officials as defined in 36 CFR Part 800.2 (a) for purposes of Section 106 compliance.

B. Stipulate procedures that integrate the activities of the responsible agency official relevant to this agreement with the policies and objectives of the federal agency delegating authority for program administration and Section 106 compliance.

C. Stipulate the minimum professional qualifications of personnel the responsible agency official responsible for implementing stipulations of the agreement.

D. The Alaska State Historic Preservation Officer and the Advisory Council may at any time contact the (identify the federal agency historic preservation officer) to request review of (Identify the responsible agency officials) decisions subject to the agreement.

III. REVIEW

A. All reviews required by this PA must be completed before (identify responsible agency official/federal agency) final approval of any project or any irrevocable commitment of funds by (identify responsible agency official/federal agency) to (identify activities: rehabilitate, restore, repair, maintain, or renovate a property) within (identify location or historic resource agency).

B. (Identify activities: new construction, demolition projects, training and other mission related activities, etc.) that may affect historic properties will be reviewed under the consultation process set forth under Subpart B of 36 CFR Part 800. (Subject to case by case review. May attach list as appendix.)

C. (Identify activities: routine maintenance - such as cleaning of administrative and living spaces, and routine landscape maintenance - such as grass mowing, shrub trimming, and minor pruning of trees) - are exempt from review under this PA. (No longer subject to review. May attach list as appendix.)

D. This PA will be inapplicable for emergency repairs necessitated by public safety.

E. Parties agree the Area of Potential Effect (APE) will be the individual building when a proposed action is limited to the maintenance or rehabilitation of its interior (i.e. undertaking).

1. (Identify responsible agency official/federal agency) shall specify an APE for projects involving: exterior features, ground disturbing activities, new construction, additions, demolition of buildings or structures, within the (identify location or historic resource) and the immediate, surrounding areas.

EXAMPLE ONLY

Draft Programmatic Worksheet Operations and Maintenance Undertakings Alaska DNR Office of History and Archaeology, April 2002

2. (Identify responsible agency official/federal agency) shall specify an APE for (identify activities: training activities, utility installation, etc.) involving ground disturbing actions.

F. (Identify responsible agency official) shall review each undertaking that may affect a historic property. Actions described in "**Appendix A, Undertakings Reviewed Annually**" by (identify responsible agency official and federal agency) /SHPO/ACHP", may proceed at the discretion of the (identify responsible agency official).

G. All undertakings that will have an effect on the interior or exterior of a historic building, structure, or monument will be documented through the use of 35mm, video, or digital camera prior to implementation of the undertaking and at completion.

1. Any appropriate design plans and specifications, or other types of a record of treatment, such as a concise written description of the undertaking will be supplied to the (identify the responsible agency official) and maintained in a permanent record for the historic property for use in compiling the annual report as detailed in (identify Standard Operating Procedure per the responsible agency official and/or federal agency cultural resource management plan. Provide as an Appendix to PA) and this PA.

H. (Identify responsible agency official/federal agency) shall consult with the SHPO and the ACHP on all undertakings subject to review pursuant to 36 CFR 800, with the exception of activities listed in Appendix A that are to be reviewed on an annual basis.

1. Should (identify responsible agency official/federal agency), in the process of carrying out any action listed in Appendix A, find that it has the potential to affect a previously unknown property that may be eligible for the Register or that the action will affect a known historic property in an unanticipated manner, (identify responsible agency official/federal agency) will cease work on only the portions of the action that have the potential to affect the property and proceed in accordance with 36 CFR 800.13(b).

IV. REVIEW – OTHER UNDERTAKINGS

A. (Identify responsible agency official/federal agency) will consult with the SHPO and the ACHP to develop a separate Memorandum of Agreement to address issues related to the (identify other responsible agency official/federal agency programs or activities) processes with regard to actions in historic properties that require NHPA Section 106 consultation.

B. When a major natural disaster or imminent threat to national security interrupts communications capability, (identify responsible agency official/federal agency) need not contact the SHPO or the ACHP regarding stabilizing or repairing historic properties.

1. (Identify responsible agency official/federal agency) will undertake emergency actions pursuant to (identify Standard Operating Procedure per the responsible agency official and/or federal agency cultural resource management plan. Provide as an Appendix to PA) to repair or stabilize historic properties and prevent further damage before SHPO/ACHP consultation.

2. Where possible, such emergency measures will be undertaken in such a manner that it does not prevent future preservation or restoration of a historic property. Permanent repairs to historic properties beyond the scope of emergency undertakings are not authorized by this stipulation.

EXAMPLE ONLY

Draft Programmatic Worksheet Operations and Maintenance Undertakings Alaska DNR Office of History and Archaeology, April 2002

V. OTHER AGREEMENTS

A. (Identify responsible agency official/federal agency) may enter into other PAs or Memoranda of Agreement that may be negotiated with the SHPO, ACHP, and other interested parties, if any, that are specific to certain programs, projects, or activities.

VI. MONITORING

A. The ACHP and the SHPO may monitor activities carried out pursuant to this PA, and the ACHP will review such activities if so requested. (Identify responsible agency official/federal agency) will coordinate access for the ACHP and the SHPO to carry out such monitoring and review.

VII. REPORTS

A. (Identify responsible agency official/federal agency) will prepare an annual report covering Section 106 undertakings, due at the end of the calendar year, following its implementation of the PA.

1. The report will be submitted concurrently to the SHPO and the ACHP for review, comment, and consultation as needed. The report will also be made available to interested members of Native American tribes, and the public upon request.

2. The annual report shall include information on the undertakings implemented under the provisions of the PA (See Appendix A). Information shall describe the undertakings as to type, number and the (identify responsible agency official/federal agency) finding resulting from application of the criteria of effect.

3. It will make recommendations for modifications of Appendices that may increase the effectiveness of the review process.

4. A summary of all undertakings reviewed separately by the SHPO and the ACHP that were implemented during the year will also be included.

5. The report will be reviewed semi-annually for the first year and the annually thereafter.

6. Copies of the pertinent documentation of the activities undertaken for each building, structure, or monument will be provided as an appendix to the annual report.

IX. AMENDMENT

A. If any party to this PA determines that their terms cannot be met or believes an amendment is necessary, that party shall immediately request the consulting parties to consider an amendment to the PA pursuant to 36 CFR 800.14. Such amendment shall be executed in the same manner as the original documents. No amendment to the PA will go into effect without the concurrence of all consulting parties.

X. TERMINATION

A. Any party to the PA may terminate the agreement by providing thirty (30) days written notice to all other parties, provided that the parties will consult prior to termination to seek agreement on amendments or other actions that would avoid termination. In the event of termination, all proposed undertakings will be reviewed by (identify responsible agency official/federal agency)

under the consultation process set forth under Subpart B of 36 CFR Part 800 with regard to individual undertakings covered by this PA.

XI. DISPUTE RESOLUTION

A. Should the SHPO or the ACHP object within thirty (30) days to any actions pursuant to this PA, (identify responsible agency official/federal agency) shall consult with the objecting party to resolve the objection. If (identify responsible agency official/federal agency) determines that the objection cannot be resolved, (identify responsible agency official/federal agency) shall forward all documentation relevant to the dispute to the ACHP, and the ACHP will either:

1. Provide (identify responsible agency official/federal agency) with recommendations which (identify responsible agency official/federal agency) will take into account in reaching its final decision regarding the dispute; or
2. Notify (identify responsible agency official/federal agency) that it will comment pursuant to 36 CFR 800.7(c), and proceed to comment. Any Council comment provided in response to such a request will be taken into account by (identify responsible agency official/federal agency) in accordance with 36 CFR 800.7 (c)(4) with reference to the subject of the dispute.
3. Any recommendations or comments provided by the Council will be understood to pertain only to the subject of the dispute. (Identify responsible agency official/federal agency) responsibility to carry out all actions under this PA that are not subject to dispute will remain unchanged.

XII. FAILURE TO CARRY OUT AGREEMENT

A. In the event (identify responsible agency official/federal agency) does not carry out the terms of this PA, all proposed undertakings will be reviewed by (identify responsible agency official/federal agency) under the consultation process set forth under Subpart B of 36 CFR Part 800 with regard to individual undertakings covered by this PA.

XIII. ANTI DEFICIENCY ACT

A. All commitments made under this PA are subject to the availability of funds. Nothing in this agreement will be construed as limiting or affecting the legal authorities of the (identify responsible agency official/federal agency), SHPO, or ACHP, or as binding upon the parties to perform beyond their respective authorities or to require any of the parties to assume or expend funds in excess of available appropriations. If funds are not available, the (identify responsible agency official/federal agency) will consult to amend or terminate this agreement.

XIV. DURATION

A. Stipulate a length of term (five years, ten years, etc.) for the agreement.

Execution and implementation of this Programmatic Agreement evidences that (identify responsible agency official/federal agency) has satisfied its Section 106 responsibilities for all individual undertakings of the (identify the agency program.)

EXAMPLE ONLY

Draft Programmatic Worksheet Operations and Maintenance Undertakings Alaska DNR Office of History and Archaeology, April 2002

Signatures

(IDENTIFY RESPONSIBLE AGENCY OFFICIAL)

By _____ Date _____
(Title), (identify responsible agency official)

(IDENTIFY FEDERAL AGENCY)

By _____ Date _____
(Title), (identify federal agency)

ALASKA STATE HISTORIC PRESERVATION OFFICER

By _____ Date _____
SHPO

ADVISORY COUNCIL ON HISTORIC PRESERVATION

By _____ Date _____
ACHP Executive Director

APPENDIX A

**Undertakings that may be Reviewed Annually by
(Identify responsible agency official/federal agency) /SHPO/ACHP**

1. Maintenance work on existing features such as roads, fire lanes, mowed areas, active disposal areas, and manmade ditches, waterways, and ponds when no new ground disturbance is proposed.
2. Outdoor recreational programs including hunting, fishing, and non-consumptive uses in accordance with (identify responsible agency official/federal agency) and (identify responsible agency official/federal agency) regulations.
3. The following Natural Resources Management activities: timber harvests, tree planting and maintenance of wildlife food and shrub plots in previously disturbed areas, prescribed burning of range land and the improvement of existing stream crossings.
4. Existing harvest activities or planting, cultivation, and harvest of existing crops not exceeding the depth of existing activities. Removal and replacement in kind of plant materials when they pose an imminent hazard to personnel or structures.
5. Ordnance disposal in accordance with prescribed (identify responsible agency official/federal agency), and (identify other) regulations.
6. Paving and repair of streets, driveways, parking lots, curbs and gutters as they now exist. When historic materials exist, they are to be retained.
7. Repair and replacement of existing utilities in their present configuration and alignment. Replacement, removal or upgrading of electrical wiring. Replacement, removal or upgrading of water and plumbing systems when historic features such as hand pumps or plumbing fixtures are retained.
8. All maintenance and repair work on elements that are not visible and do not contribute to the historic significance of a property.
9. Refinishing of surfaces with chemically compatible materials of historic or existing color. Removal of non-contributing wall coverings, paneling or wainscoting.
10. Repair and/or replacement in kind of existing roofing material provided the color meets the standards of the (identify responsible agency official/federal agency installation design guide or proscribed standard) or the historic color. Adequate anchorage of the roofing material to guard against wind damage and moisture penetration shall be provided.
11. Repair of existing doors and/or replacement in kind when beyond repair and done to match the existing material and form.
12. Repair of existing window frames and sashes by patching, splicing, consolidating, or otherwise reinforcing or replacing only these parts that are extensively deteriorated or missing provided no changes results to the interior or exterior appearance of the window. Adjusting of counterweights is acceptable.

13. Replacement of broken clear glass with clear glass of similar thickness when no modification or damage to adjacent surfaces will result.
14. Repair of existing materials and small scale in kind replacement of wood siding, trim, porch decking, porch rails, joists, columns, and stairs (including framing).
15. Repair of footings, foundations, and retaining walls or in kind replacement of those portions done to match existing material and design. Any associated mortar replacement shall be with a mortar mix that matches exactly historic mortar mixes. Excavation for the repair or replacement within two feet of existing footings, foundations and walls.
16. Removing deteriorated or damaged paint or coatings down to the next sound layer by hand scraping or sanding. Abrasive methods, sandblasting and waterblasting are specifically prohibited. Encapsulation of lead-based paint is acceptable.
17. Repair of existing historic cabinetwork and cabinet hardware. Replacement in kind of only those elements that have deteriorated beyond repair when done to match the existing design and materials.
18. Replacement of kitchen and bathroom appliances, fixtures, fittings, accessories, and cabinets that are less than 45 years old with compatible items.
19. Installation of hardware to include: dead bolts, door hinges, latches and locks, window latches, locks and hinges and door peep holes provided historic materials are not removed. New hardware shall be of contemporary design and made of the same material as remaining historic hardware.
20. Installation of fire, smoke, and security detectors provided all affects to historic materials are reversible.
21. Repair, refinishing and/or replacement in kind of non-historic flooring and floor coverings to include vinyl tile and/or carpet when done in kind to match existing materials and design that when attached to historic materials is done in a reversible manner.
22. Repair and replacement in kind of only those portions of historic flooring that are extensively deteriorated.
23. Removal of animals, birds, insects and their associated debris when no loss of historic materials will result.
24. Replacement of signs in kind. Installation of traffic signs as required by law when circulation and quantity of traffic adjacent to historic properties or within historic districts will not be affected.
25. All exterior maintenance and repair of non-historic structures within the viewshed of historic properties provided no change in the overall appearance or color of materials results.
26. Repair of existing window, door, and porch screens and storm windows or doors.

EXAMPLE ONLY

Draft Programmatic Worksheet

Operations and Maintenance Undertakings

Alaska DNR Office of History and Archaeology, April 2002

27. Energy conservation measures to include: repair of existing heating and cooling plants and duct work, modification of HVAC control systems, insulation of roofs, crawl spaces, ceilings, attics, floors and around pipes/ducts as long as these measures do not induce, retain, or introduce moisture into a building, interior modifications when the interior space is not considered significant based on inventories, caulking and weather stripping consistent with appearance of the building and replacement or modification of the lighting systems. These measures should not be visible or alter or detract from those qualities that make the resource eligible for the National Register of Historic Places.
28. All ground disturbance reviewed through the (identify responsible agency official/federal agency excavation safety and monitoring programs).
29. All tactical excavations reviewed through the (identify responsible agency official/federal agency tactical excavations permit review program).
30. Observed or reported inadvertent, but not extensive, damage to subsurface historic properties as a result of training and/or maneuver.